

# HARNETT COUNTY DEPARTMENT OF PUBLIC HEALTH Well Abandonment Permit

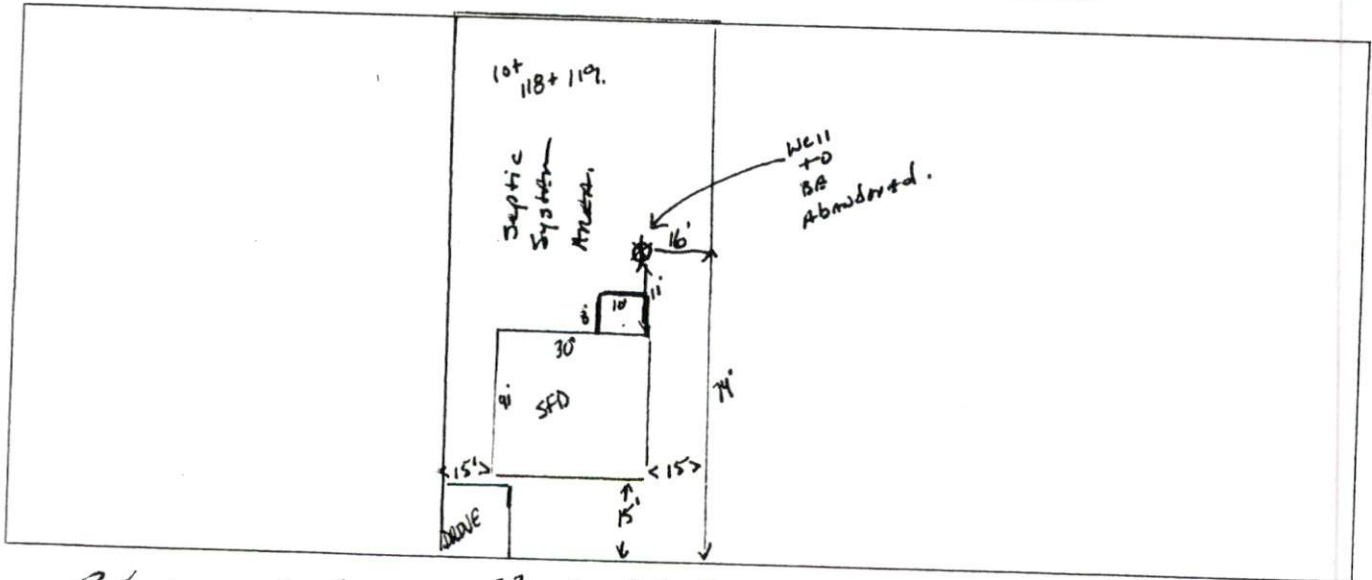
Permit Number: \_\_\_\_\_ Application Number: 10-5-24009R Applicant Name: Charles L Lee  
Address: 3107 Ashe Ave DUNN N.C. 28334  
Type of Well: BORED Total Dept: 27' Diameter: 24" Grouted: ? Static Water Level: 19'  
Directions to Site: 3107 Ashe Ave DUNN N.C.

Agent of the State: James E. Mankant Date: 8-30-10

Abandonment Procedure: Abandonment Procedure: 1. Remove all plumbing or piping into the well, along with any obstructions inside the well; 2. Remove as much of the well tile casing as possible, but no less than to a depth of three feet below land surface; 3. remove all soil or other subsurface material present down to the top of the remaining well casing, and extending to a width of at least 12 inches outside of the well casing on all sides; 4. Using 3.6 oz. of hypochlorite solution (such as HTH), disinfect the well in accordance with 15A NCAC 2C .0111 of this Subchapter. Do not use a common commercial household liquid bleach, as this is too weak a solution to ensure proper disinfection; 5. Fill the well up to the top of the remaining casing with cement grout, concrete grout, bentonite grout, dry clay, or material excavated during drilling of the well and then compacted in place; 6. Pour a one foot thick concrete grout or cement grout plug that fills the entire excavated area about the top of the casing, including the area extending on all sides of the casing out to a width of at least 12 inches on all sides; 7. Complete the abandonment process by filling the remainder of the well above the concrete or cement plug with additional concrete grout, cement grout, or soil.

Note: Contact Harnett County Environmental Health for appointment prior to beginning of well abandonment procedure.

**Well must be abandoned by a Certified North Carolina well driller/contractor.**



Charles L Lee  
Property Owner's or Owners Legal Representative Signature Required

8-30-10  
Date



# WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

## WELL CONTRACTOR CERTIFICATION #

### 1. WELL CONTRACTOR:

Charles L Lee  
Well Contractor (Individual) Name

Well Contractor Company Name

STREET ADDRESS 3107 Ashe Ave Duke  
DUWN N.C. 28334  
City or Town State Zip Code

( ) -  
Area code - Phone number

### 2. WELL INFORMATION:

SITE WELL ID # (if applicable) 3107 Ashe Ave

STATE WELL PERMIT # (if applicable)

COUNTY WELL PERMIT # (if applicable)

DWQ or OTHER PERMIT # (if applicable)

WELL USE (Check applicable use):  Monitoring  Residential  
 Municipal/Public  Industrial/Commercial  Agricultural  
 Recovery  Injection  Irrigation  
 Other (list use)

### 3. WELL LOCATION:

COUNTY HARNETT QUADRANGLE NAME  
NEAREST TOWN:

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

#### TOPOGRAPHIC / LAND SETTING:

Slope  Valley  Flat  Ridge  Other  
(Check appropriate setting)

LATITUDE

LONGITUDE

May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source:  GPS  Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY- The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID #(if applicable)  
NAME OF FACILITY  
STREET ADDRESS  
City or Town State Zip Code

### 4b. CONTACT PERSON/WELL OWNER:

NAME Charles L Lee  
STREET ADDRESS 3107 Ashe Ave

### 5. WELL DETAILS:

a. Total Depth: 27 ft. Diameter: 24" in.  
b. Water Level (Below Measuring Point): 0 ft.  
Measuring point is \_\_\_\_\_ ft. above land surface.

### 6. CASING:

Length Diameter  
a. Casing Depth (if known): 25 ft. 24" in.  
b. Casing Removed: 3x4' ft. 24" in.

### 7. DISINFECTION: Yes

(Amount of 65%-75% calcium hypochlorite used)

### 8. SEALING MATERIAL:

**Neat Cement** **Sand Cement**  
Cement \_\_\_\_\_ lb. Cement \_\_\_\_\_ lb.  
Water \_\_\_\_\_ gal. Water \_\_\_\_\_ gal.

**Bentonite**  
Bentonite \_\_\_\_\_ lb.  
Type:  Slurry  Pellets  
Water \_\_\_\_\_ gal.

**Other**  
Type material Dry Clay  
Amount \_\_\_\_\_

### 9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

pumped out and poured in.

### 10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

### 11. DATE WELL ABANDONED 11-12-10

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE  
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

PRINTED NAME OF PERSON ABANDONING THE WELL